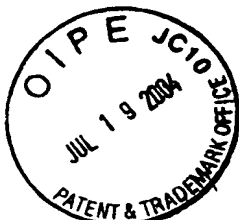


BARNES & THORNBURG



11 South Meridian Street
Indianapolis, Indiana 46204
(317) 236-1313
(317) 231-7433 Fax

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group: 1624
Confirmation No.: 1332
Application No.: 10/784,696
Invention: METHOD AND ASSOCIATED
COMPOUNDS FOR FORMING
NANOTUBES
Applicant: Hicham Fenniri
Filed: February 23, 2004
Attorney
Docket: 3220-74628
Examiner: Unknown

Certificate Under 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

on

7/14/04
Karla F. Mays

(Signature)

Karla F. Mays

(Printed Name)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

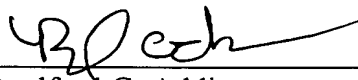
Sir:

This statement is filed in the application identified above pursuant to 37 C.F.R. § 1.56. No representation is intended that a complete search has been made of the prior art or that no better art references than listed below are available. A copy of each reference is provided for review by the Examiner. The filing of this Statement shall not be construed to be an admission that the information cited in the Statement is, or is considered to be, material to patentability as defined in §1.56(b).

Please charge any fees that might be due in connection with this Information
Disclosure Statement to our Deposit Account No. 10-0435. An extra copy of this Information
Disclosure Statement is enclosed for that purpose.

Respectfully submitted,

BARNES & THORNBURG



Bradford G. Addison
Attorney Reg. No. 41,486

BGA/GMK/kim
Indianapolis, IN
(317) 231-7253

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
3220-72893
APPLICANT
Hicham Fenniri
FILING DATE
July 30, 2003

SERIAL NO.
10/630,574
GROUP
1624

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	5,753,088	May 19, 1998	Olk			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	AL	WO 97/32571 A1	Sep. 15, 1997	PCT			X
	AM						
	AN						
	AO						
	AP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Thomas C. Marsh et al., "A new DNA nanostructure, the G-wire, imaged by scanning probe microscopy", <i>Oxford Journals Online, Nucleic Acids Research</i> , Vol. 23, Issue 4, pg. 696 (Copyright © 1995 by Oxford University Press)
AS	George M. Whitesides et al., "Noncovalent Synthesis: Using Physical--Organic Chemistry To Make Aggregates", <i>Acc. Chem. Res.</i> , Vol. 28, No. 1, 1995, pgs. 37-44
AT	Sergei V. Kolotuchin et al., "Self-Assembly Mediated by the Donor--Donor--Acceptor--Acceptor--Acceptor--Donor (DDA•AAD) Hydrogen-Bonding Motif: Formation of a Robust Hexameric Aggregate", <i>J. Am. Chem. Soc.</i> , Vol. 120, No. 35, 1998, pgs. 9092-9093
AU	Rosa E. Meléndez et al., "Hydrogen-Bonded Ribbons, Tapes and Sheets as Motifs for Crystal Engineering", <i>Top. Curr. Chem.</i> , Vol. 198, 1998, pgs. 97-129
AV	Scott L. Forman et al., "Toward Artificial Ion Channels: A Lipophilic G-Quadruplex", <i>J. Am. Chem. Soc.</i> , Vol. 122, No. 17, 2000, pgs. 4060-4067
AW	Giovanni Gottarelli et al., "The Self-Recognition and Self-Assembly of Folic Acid Salts in Isotropic Water Solution", <i>Helvetica Chimica Acta</i> , Vol. 79 (1996), pgs. 220-234
AX	Harm-Anton Klock, et al., "Self-Assembly of Rodlike Hydrogen-Bonded Nanostructures", <i>J. Am. Chem. Soc.</i> , Vol. 121, No. 30, 1999, pgs. 7154-7155
AY	Nobuo-Kimizuka et al., "Mesoscopic Supramolecular Assembly of a 'Janus' Molecule and a Melamine Derivative via Complementary Hydrogen Bonds", <i>J. Chem. Soc., Chem. Commun.</i> , 1995, pgs. 2103-2104
AZ	Toyoko Imae et al., "Formation of Fibrous Molecular Assemblies by Amino Acid Surfactants in Water", <i>J. Am. Chem. Soc.</i> , Vol. 114, No. 9, 1992, pgs. 3414-3419

Examiner

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 3220-72893		SERIAL NO. 10/630,574	
				APPLICANT Hicham Fenniri			
				FILING DATE July 30, 2003		GROUP 1624	

U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	BA						
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						
	BJ						
	BK						

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	BL						
	BM						
	BN						
	BO						
	BP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
	BR	David A. Frankel et al., "Supramolecular Assemblies of Diacetylenic Aldonamides", <i>J. Am. Chem. Soc.</i> , Vol. 116, No. 22, 1994, pgs. 10057-10069
	BS	Jürgen-Hinrich Fuhrhop et al., "Molecular Monolayer Rods and Tubules Made of α -(L-Lysine), ω -(Amino) Bolaamphiphiles", <i>J. Am. Chem. Soc.</i> , Vol. 115, No. 4, 1993, pgs. 1600-1601
	BT	Joel M. Schnur, "Lipid Tubules: A Paradigm for Molecularly Engineered Structures", <i>Science</i> , Vol. 262, 1993, pgs. 1669-1676
	BU	Naotoshi Nakashima et al., "Optical Microscopic Study of Helical Superstructures of Chiral Bilayer Membranes", <i>J. Am. Chem. Soc.</i> , Vol. 107, 1985, pgs. 509-510
	BV	Jacque H. Georger et al., "Helical and Tubular Microstructures Formed by Polymerizable Phosphatidylcholines", <i>J. Am. Chem. Soc.</i> , Vol. 109, No. 20, 1987, pgs. 6169-6175
	BW	Nasreen G. Chopra et al., "Boron Nitride Nanotubes", <i>Science</i> , Vol. 269, 1995, pgs. 966-967
	BX	Tomoko Kasuga et al., "Formation of Titanium Oxide Nanotube", <i>Langmuir</i> , Vol. 14, No. 12, 1998, pgs. 3160-3163
	BY	Wayne Shenton et al., "Inorganic-Organic Nanotube Composites from Template Mineralization of Tobacco Mosaic Virus", <i>Adv. Mater.</i> , Vol. 11, No. 3, 1999 pgs. 253-256
	BZ	Charles J. Brumlik et al., "Template Synthesis of Metal Microtubules", <i>J. Am. Chem. Soc.</i> , Vol. 113, No. 8, 1991, pgs. 3174-3175

Examiner	Date Considered
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.
 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 3220-72893	SERIAL NO. 10/630,574
	APPLICANT Hicham Fenniri	
	FILING DATE July 30, 2003	GROUP 1624

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	CA						
	CB						
	CC						
	CD						
	CE						
	CF						
	CG						
	CH						
	CI						
	CJ						
	CK						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	CL						
	CM						
	CN						
	CO						
	CP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	CR	Ewan J. M. Hamilton et al., "Preparation of Amorphous Boron Nitride and Its Conversion to a Turbostratic, Tubular Form", <i>Science</i> , Vol. 260, 1993, pgs. 659-661
	CS	Sumio Iijima, "Helical microtubules of graphitic carbon", <i>Nature</i> , Vol. 354, 1991, pgs. 56-58
	CT	Maarten F. M. Roks et al., "Biomimetic Macromolecular Chemistry: Design and Synthesis of an Artificial Ion Channel Based on a Polymer Containing Cofacially Stacked Crown Ether Rings. Incorporation in Dihexadecyl Phosphate Vesicles and Study of Cobalt Ion Transport", <i>Macromolecules</i> , Vol. 25, No. 20, 1992, pgs. 5398-5407
	CU	Akira Harada et al., "Synthesis of a tubular polymer from threaded cyclodextrins", <i>Nature</i> , Vol. 364, 1993, pgs. 516-518
	CV	Naomi Sakai et al., "Transmembrane B-DNA", <i>Short Communications, Chembiochem</i> , No. 2, 2000, pgs. 123-125
	CW	Peter R. Ashton et al., "Synthetic Cyclic Oligosaccharides--Syntheses and Structural Properties of a Cyclo[1→4)-α-L-rhamonopyranosyl-[1→4)-α-D-mannopyranosyl]trioside and -tetraoside**", <i>Chem. Eur. J.</i> , Vol. 2, No. 5, 1996, pgs. 580-591
	CX	James C. Nelson et al., "Solvophobically Driven Folding of Nonbiological Oligomers", <i>Science</i> , Vol. 277, 1997, pgs. 1793-1796
	CY	M. Reza Ghadiri et al., "Self-assembling organic nanotubes based on a cyclic peptide architecture", <i>Nature</i> , Vol. 366, 1993, pgs. 324-327
	CZ	Mark Mascal et al., "The G--C DNA Base Hybrid: Synthesis, Self-Organization and Structural Analysis", <i>J. Org. Chem.</i> , Vol. 64, No. 23, 1999, pgs. 8479-8484

Examiner	Date Considered
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 3220-72893		SERIAL NO. 10/630,574	
				APPLICANT Hicham Fenniri			
				FILING DATE July 30, 2003		GROUP 1624	

U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	DA						
	DB						
	DC						
	DD						
	DE						
	DF						
	DG						
	DH						
	DI						
	DJ						
	DK						

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	DL						
	DM						
	DN						
	DO						
	DP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
	DR	Andrew Marsh et al., "Self-complementary hydrogen bonding heterocycles designed for the enforced self-assembly into supramolecular macrocycles", <i>Chem. Commun.</i> , 1996, pgs. 1527-1528
	DS	Thierry Verbiest et al., "Strong Enhancement of Nonlinear Optical Properties Through Supramolecular Chirality", <i>Science</i> , Vol. 282, Issue 5390, 1998, 7 pgs.
	DT	Hicham Fenniri et al., "Helical Rosette Nanotubes: Design, Self-Assembly, and Characterization", <i>J. Am. Chem. Soc.</i> , Vol. 123, No. 16, 2001, pgs. 3854-3855
	DU	Hicham Fenniri et al., "Entropically driven self-assembly of multichannel rosette nanotubes", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 99, Suppl. 2, pgs. 6487-6492
	DV	Hicham Fenniri et al., "Towards Self-Assembled Electro- and Photo-Active Organic Nanotubes", <i>Polymer Preprints</i> , Vol. 42, No. 2, 2001, pgs. 569-570
	DW	Michael J. Krische et al., "The Utilization of Persistent H-Bonding Motifs in the Self-Assembly of Supramolecular Architectures", <i>Struct. Bond.</i> , Vol. 96, 2000, pgs. 3-29
	DX	Katrina A. Jolliffe et al., "Noncovalent Assembly of a Fifteen-Component Hydrogen-Bonded Nanostructure", <i>Angew. Chem. Int. Ed.</i> , Vol. 38, No. 7, 1999, pgs. 933-937
	DY	Leonard J. Prins et al., "Chiral exciton coupling of merocyanine dyes within a well defined hydrogen-bonded assembly", <i>Proc. Natl. Acad. Sci., USA</i> , Vol. 98, No. 18, 2001, pgs. 10042-10045
	DZ	Charles Michael Drain et al., "Self-assembly of a multi-porphyrin supramolecular macrocycle by hydrogen bond molecular recognition", <i>Chem. Commun.</i> , 1996, pgs. 337-338

Examiner	Date Considered
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.
 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 3220-72893		SERIAL NO. 10/630,574	
				APPLICANT Hicham Fenniri			
				FILING DATE July 30, 2003		GROUP 1624	

U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	EA						
	EB						
	EC						
	ED						
	EE						
	EF						
	EG						
	EH						
	EI						
	EJ						
	EK						

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	EL						
	EM						
	EN						
	EO						
	EP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
	ER	Christopher T. Seto et al., "Molecular Self-Assembly through Hydrogen Bonding: Aggregation of Five Molecules To Form a Discrete Supramolecular Structure", <i>J. Am. Chem. Soc.</i> , Vol. 115, No. 4, 1993, pgs. 1321-1329
	ES	Eric E. Simanek et al., "Observation of Diastereomers of the Hydrogen-Bonded Aggregate $\text{Hub}(\text{M})_3 \cdot 3\text{CA}$ Using ^1H Nuclear Magnetic Resonance Spectroscopy When CA Is an Optically-Active Isocyanuric Acid", <i>J. Org. Chem.</i> , Vol. 62, No. 8, 1997, pgs. 2619-2621
	ET	Eric E. Simanek et al., "Self-Assembly of Zinc Porphyrins around the Periphery of Hydrogen-Bonded Aggregates That Bear Imidazole Groups", <i>J. Org. Chem.</i> , Vol. 62, No. 26, 1997, pgs. 8994-9000
	EU	Insung S. Choi et al., "Self-Assembly of Hydrogen-Bonded Polymeric Rods Based on the Cyanuric Acid-Melamine Lattice", <i>Chem. Mater.</i> , Vol. 11, No. 3, 1999, pgs. 684-690
	EV	Leonard J. Prins et al., "Non-covalent synthesis of organic nanostructures", <i>Pure & Appl. Chem.</i> , Vol. 70, No. 8, 1998, pgs. 1459-1468
	EW	Kunihiro Ichimura, "Photoalignment of Liquid-Crystal Systems", <i>Chem. Rev.</i> , Vol. 100, No. 5, 2000, pgs. 1847-1873
	EX	John P. Mathias et al., "Self-Assembly through Hydrogen Bonding: Preparation and Characterization of Three New Types of Supramolecular Aggregates Based on Parallel Cyclic $\text{CA}_3\text{-M}_3$ "Rosettes", <i>J. Am. Chem. Soc.</i> , Vol. 116, No. 5, 1994, pgs. 1725-1736
	EY	John P. Mathias et al., "Self-Assembly through Hydrogen Bonding: Peripheral Crowding--A New Strategy for the Preparation of Stable Supramolecular Aggregates Based on Parallel, Connected CA_3MA_3 Rosettes", <i>J. Am. Chem. Soc.</i> , Vol. 116, No. 10, 1994, pgs. 4326-4340
	EZ	Ben L. Feringa et al., "Chiroptical Molecular Switches", <i>Adv. Mat.</i> , Vol. 8, No. 8, 1996, pgs. 681-684

Examiner	Date Considered
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.
 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 3220-72893		SERIAL NO. 10/630,574	
				APPLICANT Hicham Fenniri			
				FILING DATE July 30, 2003		GROUP 1624	

U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	FA						
	FB						
	FC						
	FD						
	FE						
	FF						
	FG						
	FH						
	FI						
	FJ						
	FK						

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	FL						
	FM						
	FN						
	FO						
	FP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
	FR	Mark Mascia et al., "Programming a Hydrogen-Bonding Code for the Specific Generation of a Supramacrocyclic", <i>Angew. Chem. Int. Ed.</i> , Vol. 35, No. 19, 1996, pgs. 2204-2206
	FS	Vladimir Sidorov et al., "Ion Channel Formation from a Calix[4]arene Amide That Binds HCl", <i>J. Am. Chem. Soc.</i> , Vol. 124, No. 10, 2002, pgs. 2267-2278
	FT	James W. Canary et al., "Electronic control of helical chirality", <i>TRENDS in Biotech.</i> , Vol. 19, No. 7, 2001, pgs. 251-255
	FU	Jo��e Rivera et al., <i>Angew. Chem. Int. Ed.</i> , Vol. 39, No. 12, 2000, pgs. 2130-2132
	FV	Aya Tanatani et al., "Chain Length-Dependent Affinity of Helical Foldamers for a Rodlike Guest", <i>J. Am. Chem. Soc.</i> , Vol. 123, No. 8, 2001, pgs. 1792-1793
	FW	M. Ortega Lorenzo et al., "Extended surface chirality from supramolecular assemblies of adsorbed chiral molecules", <i>Nature</i> , Vol. 404, 2000, pgs. 376-379
	FX	K. Akagi et al., "Helical Polyacetylene Synthesized with a Chiral Nematic Reaction Field", <i>Science</i> , Vol. 282, Issue 5394, 1998, 5 pgs.
	FY	Gabriel Iftime et al., "Control of Chirality of an Azobenzene Liquid Crystalline Polymer with Circularly Polarized Light", <i>J. Am. Chem. Soc.</i> , Vol. 122, No. 51, 2000, pgs. 12646-12650
	FZ	Shreyasi Lahiri et al., "Solvophobicity Driven π -Stacking of Phenylene Ethynylene Macrocycles and Oligomers", <i>J. Am. Chem. Soc.</i> , Vol. 122, No. 46, 2000, pgs. 11315-11319

Examiner	Date Considered
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 3220-72893		SERIAL NO. 10/630,574	
				APPLICANT Hicham Fenniri			
				FILING DATE July 30, 2003		GROUP 1624	

U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	GA						
	GB						
	GC						
	GD						
	GE						
	GF						
	GG						
	GH						
	GI						
	GJ						
	GK						

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	GL						
	GM						
	GN						
	GO						
	GP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
	GR	C. R. Cantor et al., "Structures of nucleic acids", <i>Biophysical Chemistry</i> , Freeman: New York, 1980
	GS	J. H. K. Ky Hirschberg et al., "Helical self-assembled polymers from cooperative stacking of hydrogen-bonded pairs", <i>Nature</i> , Vol. 407, 2000, pgs. 167-170
	GT	Keith C. Russell, et al., "Investigation of Self-Assembled Supramolecular Species in Solution by IL-ESMS, a New Mass Spectrometric Technique", <i>Angew Chem. Int. Ed. Engl.</i> , Vol. 34, No. 2, 1995, pgs. 209-213
	GU	Xuecheng Cheng et al., "Characterization of Hydrogen-Bonded Aggregates in Chloroform by Electrospray Ionization Mass Spectrometry", <i>J. Org. Chem.</i> , Vol. 61, No. 6, 1996, pgs. 2204-2206
	GV	Katrina A. Jolliffe et al., "Characterization of Hydrogen-Bonded Supramolecular Assemblies by MALDI-TOF Mass Spectrometry after Ag ⁺ Labeling", <i>Angew. Chem., Int. Ed.</i> , Vol. 37, No. 9, 1998, pgs. 1247-1251
	GW	Christopher T. Seto et al., "Molecular Self-Assembly through Hydrogen Bonding: Supramolecular Aggregates Based on the Cyanuric Acid-Melamine Lattice", <i>J. Am. Chem. Soc.</i> , Vol. 115, No. 3, 1993, pgs. 905-916
	GX	Christopher T. Seto et al., "Synthesis, Characterization, and Thermodynamic Analysis of a 1 + 1 Self-Assembling Structure Based on the Cyanuric Acid-Melamine Lattice", <i>J. Am. Chem. Soc.</i> , Vol. 115, No. 4, 1993, pgs. 1330-1340
	GY	Stephen L. Mayo et al., "DREIDING: A Generic Force Field for Molecular Simulations", <i>J. Phys. Chem.</i> , Vol. 94, No. 26, 1990, pgs. 8897-8909
	GZ	Donovan N. Chin et al., "Computations and H NMR Spectroscopy of the Imide Region Can Distinguish Isomers of Hydrogen-Bonded Aggregates", <i>J. Org. Chem.</i> , Vol. 62, No. 6, 1997, pgs. 1891-1895

Examiner	Date Considered
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.
 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 3220-72893		SERIAL NO. 10/630,574	
				APPLICANT Hicham Fenniri			
				FILING DATE July 30, 2003		GROUP 1624	

U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	HA						
	HB						
	HC						
	HD						
	HE						
	HF						
	HG						
	HH						
	HI						
	HJ						
	HK						

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	HL						
	HM						
	HN						
	HO						
	HP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
	HR	Martin Gellert et al., "Helix Formation by Guanylic Acid", <i>Proc. Natl. Acad Sci USA</i> , Vol. 48, No. 12, 1962, pgs. 2013-2018
	HS	Giovanni Gottarelli et al., "Self-assembled Columnar Mesophases Based on Guanine-related Molecules", in <i>Comprehensive Supramolecular Chemistry</i> , Vol. 9: Templating, Self-Assembly and Self Organization (J. Lehn et al., Pergamon Press, Oxford), 1995, pgs. 483-506
	HT	Dara E. Gilbert et al., "Multistranded DNA structures", <i>Curr. Opin. Struct. Biol.</i> , Vol. 9, 1999, pgs. 305-314
	HU	David S. Lawrence et al., "Self-Assembling Supramolecular Complexes", <i>Chem. Rev.</i> , Vol. 95, No. 6, 1995, pgs. 2229-2260
	HV	Yves Ducharme et al., "Use of Hydrogen Bonds To Control Molecular Aggregation. Extensive, Self-Complementary Arrays of Donors and Acceptors", <i>J. Org. Chem.</i> , Vol. 53, No. 24, 1988, pgs. 5787-5789
	HW	Michel Gallant et al., "Use of Hydrogen Bonds to Control Molecular Aggregation. Association of Dipyridones Joined by Flexible Spacers", <i>J. Org. Chem.</i> , Vol. 56, No. 7, 1991, pgs. 2284-2286
	HX	Jonathan A. Zerkowski et al., "Solid-State Structures of "Rosette" and "Crinkled Tape" Motifs Derived from the Cyanuric Acid-Melamine Lattice", <i>J. Am. Chem. Soc.</i> , Vol. 114, No. 13, 1992, pgs. 5473-5475
	HY	Steven C. Zimmerman et al., "Controlled Molecular Aggregation. 1. Cyclic Trimerization via Hydrogen Bonding", <i>J. Org. Chem.</i> , Vol. 57, No. 8, 1992, pgs. 2215-2217
	HZ	Stefania Bonazzi et al., "Self-Assembly and Liquid Crystal Formation of Folic Acid Salts", <i>Angew. Chem. Int. Ed. Engl.</i> , Vol. 32, No. 2, 1993, pgs. 248-250

Examiner	Date Considered
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.
 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 3220-72893		SERIAL NO. 10/630,574	
				APPLICANT Hicham Fenniri			
				FILING DATE July 30, 2003		GROUP 1624	

U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	IA						
	IB						
	IC						
	ID						
	IE						
	IF						
	IG						
	IH						
	II						
	IJ						
	IK						

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	IL						
	IM						
	IN						
	IO						
	IP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
	IR	Ji Yang et al., "Hydrogen Bonding Control of Self-Assembly: Simple Isophthalic Acid Derivatives Form Cyclic Hexameric Aggregates", <i>Tetrahedron Lett.</i> , Vol. 35, No. 22, 1994, pgs. 3665-3668
	IS	John P. Mathias et al., "Self-Assembly Through Hydrogen Bonding: Preparation of a Supramolecular Aggregate Composed of Ten Molecules", <i>Angew. Chem. Int. Ed. Engl.</i> , Vol. 32, No. 12, 1993, pgs. 1766-1769
	IT	Jeffery T. Davis et al., "Self-Assembled Inophores from Isoguanosine", <i>J. Org. Chem.</i> , Vol. 60, No. 13, 1995, pgs. 4167-4176
	IU	
	IV	
	IW	
	IX	
	IY	
	IZ	

Examiner	Date Considered
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.
 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.